

Application No. 10/654,785

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application.

LISTING OF CLAIMS:

1. (Currently amended) A flicker bar assembly for cleaning fibers of a rotating brush having ~~a~~an axis of rotation, comprising:

a support structure;

a bar rotatably mounted on the support structure with an axis of rotation generally parallel to the axis of rotation of the brush and mounted in a position in interfering relationship with the fibers of the rotating brush; and

a drive device, coupled to the rotatable bar, for imparting rotational force to the rotatable bar;

wherein the bar is rotated during at least some period in which the brush is rotated in order to clean fibers of the brush.

2. (Original) The flicker bar assembly of **claim 1**, further comprising a drive coupling between the rotatable bar and the brush wherein rotation of one of the rotatable bar and the brush drives rotation of the other.

3. (Original) The flicker bar of **claim 2**, wherein the brush rotates slower than the rotatable bar.

4. (Original) The flicker bar assembly of **claim 2**, further comprising a first gear coupled to the rotatable bar and a second gear coupled to the brush wherein the first and second gear is coupled.

Application No. 10/654,785

5. (Original) The flicker bar assembly of **claim 3**, wherein the first gear is smaller than the second gear and wherein the relative size of the gears cause the brush to rotate slower than the rotatable bar.

6. (Original) The flicker bar assembly of **claim 3**, wherein the rotatable bar rotates between about twice to about five times as fast as the brush.

7. (Original) The flicker bar assembly of **claim 3**, wherein the rotatable bar rotates about three times as fast as the brush.

8. (Original) The flicker bar assembly of **claim 1**, wherein the rotatable brush rotates between about 10 to about 100 revolutions per minute.

9. (Original) The flicker bar assembly of **claim 1**, wherein the rotatable brush rotates about 15 revolutions per minute.

10. (Currently amended) The flicker bar assembly of **claim 1**, further comprising a brush and sleeve and wherein the rotatable brush fibers extend from about 10 to about 17 millimeters from the brush sleeve.

11. (Original) The flicker bar assembly of **claim 1**, wherein the rotatable brush fibers extend about 2.5 millimeters from the brush sleeve.

12. (Original) The flicker bar assembly of **claim 2**, wherein the rotating bar has a first and a second end and wherein the drive device is coupled to the rotatable bar at the first end to the rotating bar at the second end and the drive coupling between the rotatable bar and the brush is coupled to the rotating bar at the second end.

Application No. 10/654,785

14. (Original) The flicker bar assembly of **claim 12**, wherein the drive device comprises a motor coupled to the first end of the flicker bar and the drive coupling comprises at least one gear mounted on the second end of the flicker bar.

15. (Original) The flicker bar assembly of **claim 1**, wherein the flicker bar assembly cleans fibers of a rotating brush that is positioned in interfering relationship with the backside of an endless loop imaging web.

15. (New) A method for cleaning fibers of a rotating brush having an axis of rotation, comprising:

mounting a rotatable bar with an axis of rotation generally parallel to the axis of rotation of the brush and in a position in interfering relationship with the fibers of the rotating brush; and

rotating the rotatable bar during at least some period in which the brush is rotated in order to clean the fibers of the brush.

16. (New) The method of **claim 15** for cleaning fibers, further comprising driving, with a drive device coupled to the rotatable bar, the rotation of the rotatable bar.

17. (New) The method of **claim 15** for cleaning fibers, further comprising drive coupling the rotatable bar and the brush wherein rotation of one of the rotatable bar and the brush drives rotation of the other.

18. (New) The method of **claim 17** for cleaning fibers, wherein the brush rotates slower than the rotatable bars.

Application No. 10/654,785

19. (New) The method of **claim 17** for cleaning fibers, further comprising:
coupling a first gear to the rotatable bar; and
coupling a second gear to the brush in a drive coupling relationship
with the first gear.
20. (New) The method of **claim 18** for cleaning fibers, wherein the first
gear is smaller than the second gear and wherein the relative size of the gears
cause the brush to rotate slower than the rotatable bar.
21. (New) The method of **claim 18** for cleaning fibers, wherein the
rotatable bar rotates between about twice to about five times as fast as the brush.
22. (New) The method of **claim 18** for cleaning fibers, wherein the
rotatable bar rotates about three times as fast as the brush.
23. (New) The method of **claim 15** for cleaning fibers, wherein the
rotatable brush rotates between about 10 to about 100 revolutions per
minute.
24. (New) The method of **claim 15** for cleaning fibers, wherein the
rotatable brush rotates about 15 revolutions per minute.
25. (New) The method of **claim 15** for cleaning fibers, further comprising
extending fibers of a brush from about 10 to about 17 millimeters from a
brush sleeve.
26. (New) The method of **claim 15** for cleaning fibers for cleaning fibers,
wherein the rotatable brush fibers extend about 2.5 millimeters from the brush
sleeve.

Application No. 10/654,785

27. (New) The method of **claim 17** for cleaning fibers, wherein the rotating bar has a first and a second end and wherein the drive device is coupled to the rotatable bar at the first end to the rotating bar at the second end and the drive coupling between the rotatable bar and the brush is coupled to the rotating bar at the second end.

28. (New) The method of **claim 27** for cleaning fibers, wherein the drive device comprises a motor coupled to the first end of the flicker bar and the drive coupling comprises at least one gear mounted on the second end of the flicker bar.

29. (New) The method of **claim 15** for cleaning fibers, wherein the flicker bar assembly cleans fibers of a rotating brush that is positioned in interfering relationship with the backside of an endless loop imaging web.

30. (New) An electrophotographic printer comprising a rotating brush having an axis of rotation, further comprising:

- a support structure;

- a bar rotatably mounted on the support structure with an axis of rotation generally parallel to the axis of rotation of the brush and mounted in a position in interfering relationship with the fibers of the rotating brush; and

- a drive device, coupled to the rotatable bar, for imparting rotational force to the rotatable bar;

- wherein the bar is rotated during at least some period in which the brush is rotated in order to clean fibers of the brush.